DUPONT

MATERIAL SAFETY DATA SHEET

	SEC	TION I		
MANUFACTURER'S NAME E. I. du Pont de Nemou	ers & Co. (In	(302	SENCY TELEPHON	E NO.
ADDRESS (Number, Street, City, State, an Wilmington, DE 19898	d ZIP Code)			# 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
CHEMICAL NAME AND SYNONYMS Hydrofluoric Acid, Aqu	N. Carlotte	TRADE NAME A	and synonyms .	70% Tech
CHEMICAL FAMILY Inorganic Acid		FORMULA HF Solution, Aqu		00 10011.
	HAZARDOUS	INGREDIENTS OF		
70% HF in water				
<u> </u>	ECTION III	PHYSICAL DATA		
BOILING POINT		SPECIFIC GRAVITY (H, O=1)		
VAPOR PRESSURE (mm Hg)		PERCENT VOLATILE		1.258
VAPOR DENSITY (AIR=1)	58 F 124	EV VOLUME (%) EVAPORATION PATE	· · · · · · · · · · · · · · · · · · ·	100
SOLUBILITY IN WATER	0.7	(ether = 1) less th	an 1	
comple		<u> </u>	*	
APPEARANCE AND ODOR Clear, colorless to sl	ightly tinted	fuming liquid; pu	ingent odor	
SECTION IV	FIRE AND	EXPLOSION HAZAI	RD DATA	
FLASH POINT (Method Used) Non-flammable		FLAMMABLE LIMITS	LEL	UEL
extinguishing media Water			AUTO IGNIT.	
special fire fighting procedures Cool tank with water i	f exposed to	fire. Wear self-c	ontained l	reathing
apparatus & full prote	ctive clothing			
unusual fire and explosion haza Hydrofluoric Acid corr	ands Odes most met	tals releasing flam	mable & ex	plosive
concentrations of hydr				Ýsta til t
		LTH HAZARD DATA	,	Application of the second
THRESHOLD LIMIT VALUE (ACGIH)		TIME WEIGHTED AVERAGE (C		
EFFECTS OF OVEREXPOSURE	-	ride) Not establis		
Extremely hazardous li			*	
hazard. Causes severe	burns which	may not be immedia	tely painf	ul or
visible.			And the second second	
EMERGENCY AND FIRST AID PROCED	IRES If contac	t is oven suchasta	d first s	id troot
emergency and flast aid procedument should be started lately flush with larg while removing contamito skin under nails chloride solution, ice Epsom Salts (magnesium continue washing in co	immediately	Call physician i	mnediately	Immed-
while removing contami	nated clothin	ig & shoes; pay par	ticular at	tention
chloride solution. ice	ed 70% ethyl a	alcohol, or iced sa	iturated so	olution of
Encom Colta (monaini				

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